

AMENDMENTS TO THE SPECIFICATION:

Please add the following new paragraph and section heading before the first paragraph beginning on page 1:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. Application No. 09/889,229, filed on September 26, 2001, which was a national stage filing under 35 U.S.C. § 371 of International Application No. PCT/SE00/00047, filed on January 13, 2000.

Please insert after the last page of claims, the Abstract appearing separately on the next page.

ABSTRACT OF THE DISCLOSURE

Molecularly imprinted microspheres comprising specific binding site are described. These microspheres can be obtained by a method comprising polymerising functional monomers and crosslinkers in a reaction solvent in the presence of print molecules as templates in a surfactant-free precipitation polymerisation process. The print molecules used are capable of forming non-covalent, reversible covalent or semi-covalent interactions with said functional monomers. There is also disclosed the use of said microspheres in different applications.